

**SECRET**70968  
**PRIORITY**

16 Oct 70 18 34

P 161805Z OCT 70  
FM NPIC WASHDC  
TO RHCOAAA/SAC OFFUTT AFB OMAHA NEBR  
RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB  
RUCILBA/100TH SRW OL 19 MCCOY AFB FLA  
RUVRRIA/WRAMA/WRNWA WARNER ROBBINS AFB, GA  
RUWMODA/100TH SRW DAVIS MONTHAN AFB ARIZ  
RUWMODA/12 SAD DAVIS MONTHAN AFB ARIZ  
RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD  
RUEAIIA/CIA WASH DC  
RUEKJCS/DIA  
RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF  
RUEFHQA/HQS USAF  
BT

**S E C R E T** CITE NPIC 9589  
SAC FOR DIRI, DOSR, DISD, DM4C; 100 SRW DAVIS MONTHAN AFB  
FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1;  
HQ USAF FOR AFIGOS, AFXOIR; 15TH AF FOR DI, DO, DM4C.  
SUBJ: EVAL OF OLD HEAD MSN G-142, 12 OCT 70  
1. IMAGE QUALITY: OVERALL IMAGE QUALITY GOOD, WITH PORTIONS

PAGE 2 RUEADJU 0084 **S E C R E T**  
MAINTAINING EDGE SHARPNESS AT 50X MAG. AVG CYCLE TIME BETWEEN  
EXPOSURES IS 9.76 SEC. STEREO OVERLAP RANGES FROM 50 TO 95  
PCT AND CONSECUTIVE FWD AND AFT OVERLAP RANGES FROM -10 TO 10 PCT.  
INTERP SUIT IS GENERALLY GOOD. CLOUDS OBSCURE 10 PCT OF ENTIRE MSN.

## 2. MSN DATA:

- A. MSN: G-142; DATE: 12 OCT 70
- B. CAM: 1-2; UNIT: 8006
- C. A/C: 340
- D. CAM MODE: STEREO
- E. VEHICLE T/O: 1120Z; CAM/ON : 1333Z
- F. FILM: 3404
- G. CHEMISTRY: MX-819-1; PROCESS FAC: NRTSC
- H. AVG GAMMA ORIG NEG: 1.90
- I. EXPOSURE SLIT: 0.100 INS.
- U. FILTER: W-23A

## 3. ORIG NEG:

- A. EXPOSURE: EXPOSURE SLIGHTLY UNDER AT BEGINNING OF MSN  
WITH OVERALL EGPOSURE GOOD.
- B. DENSITY: THIN TO HEAVY; CONTRAST: LOW TO HIGH.
- C. IMAGE DEGRADATION: CHARACTERISTIC FOG PATTERNS ARE  
PRESENT INTERMITTENTLY THROUGHOUT MSN.
- D. PHYSICAL DEGRADATION: EMULSION LIFTS ARE PRESENT ON FRS  
395 THROUGH FRS 432. THESE LIFTS OCCUR AT A 6.25 INS. INTERVAL,  
0.25 IN. LONG, LOCATED 1.9 INS. FROM TITLED EDGE OF FILM.
- E. DATA RECORD EQUIP: FUNCTIONED PROPERLY THROUGHOUT;  
HOWEVER, ENTIRE CHAMBER IMAGE IS SLIGHTLY SMEARED ON OCCASION.
- F. OTHER: LAST TITLED FR 572 AND COUNTER 577, BIAS CONSTANT  
THROUGHOUT MSN.

## 4. POSITIVES: GOOD FOR INTERPRETATION PURPOSES.

EOM  
GP-1  
**S E C R E T**

**SECRET**

DISTRIBUTION		
CY	OFFICE	PI
1	FILE	
2	CABLE SEC.	
	PP&B/RD	
	SECUR.	
3.4	TSEC/AFSD	
	PSC/OC	
	IRD	
	INPRO	
	AID	
	MSN. ICS	
	IRM/OD	
	SCREEN	
5	WEST	
	EAST	
	LES	
	IEC/PRO	
6	IAS	
	DIA-XX4	
	SPAD	
	DIA-AP	
	25X1	
	CMX	

ADVANCE CY  
SANITIZED  
WITH TEXT